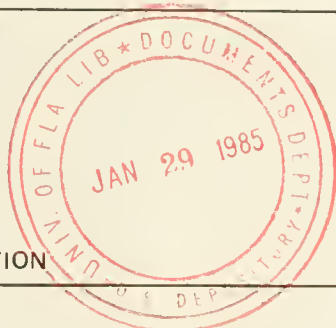




U.S. Department of Commerce
BUREAU OF THE CENSUS
INTERNATIONAL TRADE ADMINISTRATION



Copper Controlled Materials

THIRD QUARTER 1984

ITA9008(84)-3
Issued January 1985

The statistics in this publication are based on a survey of all known producers of brass mill products, copper-based powder products, and a 95 percent sample of producers of wire mill products. The figures represent total U.S. shipments of copper-base and foundry products.

A description of the survey methodology and related information may be found in the first quarter report, ITA9008(84)-1, issued July 1984.

Table 1. SUMMARY OF SHIPMENTS OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1978 TO 1984

(Millions of pounds--metal weight)

Quarter and year	Total	Brass mill products		Copper wire mill products ¹			Brass and bronze foundry products ³	Copper-base powder mill product ⁴
		Alloyed	Unalloyed	Bare wire ²	Insulated communication wire	Other insulated wire		
1984								
Third quarter.....	1,257	389	258	45	^r 117	^r 338	110	(X)
Second quarter.....	1,398	458	268	^r 64	^r 116	^r 363	129	(X)
First quarter.....	1,471	455	280	^r 66	^r 130	^r 419	121	(X)
1983, total.....	4,855	1,245	871	236	509	1,540	422	32
1982, total.....	4,846	1,247	767	267	594	1,532	456	34
1981, total.....	5,987	1,695	927	328	755	1,764	581	47
1980, total.....	5,786	1,508	959	293	797	1,693	592	47
1979, total.....	6,707	1,869	1,107	236	846	1,966	792	66
1978, total.....	6,266	1,750	962	238	806	1,867	743	63

Note: Detail may not add to totals due to independent rounding.

^rRevised by 5 percent or more from previously published figures. (X) Not applicable.

¹Represents copper content weight, rather than metal weight.

²Represents uninsulated, bare, tinned, and/or alloy coated wire.

³Source: Bureau of the Census, Current Industrial Report M33E, Nonferrous Castings.

⁴Beginning with the first quarter 1984 copper-base powder mill products will no longer be collected.

Table 2. SHIPMENTS OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1984 AND 1983

(Millions of pounds--metal weight)

Product description	Third quarter 1984	Second quarter 1984	Third quarter 1983
Total shipments.....	1,257	1,398	(NA)
Copper-base mill products.....	647	726	(NA)
Copper-base alloy:			
Sheet and strip ¹	176	194	(NA)
Rod, bar, and wire.....	192	240	(NA)
Tube and pipe.....	21	24	(NA)
Unalloyed copper:			
Sheet and strip.....	54	^r 50	(NA)
Rod, bar, and wire ²	37	33	(NA)
Tube and pipe.....	167	185	(NA)
Copper wire mill products ^{3 4}	500	^r 543	(NA)
Bare wire ⁵	45	^r 64	(NA)
Insulated communication wire.....	117	^r 116	(NA)
Other insulated wire.....	338	^r 363	(NA)
Brass and bronze foundry products ⁶	110	129	(NA)

Note: Detail may not add to totals due to independent rounding.

(NA) Not available. ^rRevised by 5 percent or more from previously published figures.¹Military ammunition cups and discs are included on a net-weight basis, i.e., excluding the weight of the webbing scrap generated in the cupping and discing.²Does not include electrical wire.³Reported in copper content weight rather than metal weight.⁴Copper wire mill products are revised for First Quarter 1984 as follows: Bare wire, 66; Insulated communication wire, 130; Other insulated wire, 419.⁵Represents uninsulated, bare, tinned, and/or alloy coated wire.⁶Source: Bureau of the Census, Current Industrial Report M33E, Nonferrous Castings.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF COPPER-BASE MILL AND FOUNDRY PRODUCTS: 1984

(Quantity in millions of pounds; value in thousands of dollars)

Product description ¹	Manufac- turers' shipments	Exports of domestic merchandise ²			Percent exports to manufac- turers' shipments (quantity)	Imports for consumption ⁴		Apparent consumption ⁶	Percent imports to apparent consumption (quantity)
		Quantity	Value at port	Estimated producers' value ³		Quantity	Value ⁵		
THIRD QUARTER 1984									
Copper-base mill products ⁷	692	25	47,934	46,653	4	153	164,659	820	19
Brass mill products:									
Copper-base alloy:									
Sheet and strip.....	176	3	11,122	10,823	2	84	82,328	447	19
Rod, bar, and wire.....	192	2	4,926	4,803	1				
Tube and pipe.....	21	3	4,480	4,359	14				
Unalloyed copper:									
Sheet and strip.....	54	3	2,733	2,659	6	22	24,316	104	21
Rod, bar, and wire.....	37	6	4,679	4,553	16				
Tube and pipe.....	167	2	3,330	3,240	1				
Copper wire mill products, bare wire.....	45	6	16,664	16,216	13	10	12,136	49	82
SECOND QUARTER 1984									
Copper-base mill products ⁷	790	26	48,819	47,506	3	141	146,698	905	16
Brass mill products:									
Copper-base alloy:									
Sheet and strip.....	194	3	11,704	11,389	2	70	66,259	497	14
Rod, bar, and wire.....	240	4	5,510	5,362	2				
Tube and pipe.....	24	2	4,368	4,251	9				
Unalloyed copper:									
Sheet and strip.....	50	2	1,699	1,653	4	22	22,112	96	23
Rod, bar, and wire.....	33	7	5,968	5,807	21				
Tube and pipe.....	185	2	3,812	3,709	1				
Copper wire mill products, bare wire.....	64	6	15,758	15,334	9	12	12,691	70	17

¹For comparison of domestic manufacturers' shipment, export numbers, and import numbers for copper-base mill and foundry products, see table 4 in the first quarter 1984 report, ITA9008(84)-1, issued July 1984.

²Source: Bureau of the Census report EM 546, U.S. Exports.

³These values were derived by use of adjustment factors to exclude freight, insurance, and other charges incurred in moving goods to the port of export. This adjustment is made to convert the values to an approximation of the producers' value of exported goods. Current adjustment factors (0.9731 for industry group 335 relating to brass mill and copper wire mill products and 1.0 for industry group 339 relating to copper-base powder mill products) are based on data for 1981 which are published in Origin of Exports of Manufactured Products, M81(AS)-5, appendix B.

⁴Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁵Represents the c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States plus U.S. import duties.

⁶Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.

⁷This total does not include either insulated wire and cable or brass and bronze foundry products.

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